

ABSTRACT OF THE DISCLOSURE

A noise reduction apparatus for reducing noise propagated toward a space 5 on one side of a wall 4 from an external noise source on the other side of the wall 4. The noise reduction apparatus includes a control sound source 1, an error detector 2, and a control section 3. The control sound source 1 is placed on the wall 4 so as to block a noise propagation path. Also, the control sound source radiates a sound into the space 5. The error detector 2 detects the sound propagated from the noise source through the control sound source 1. The control section 3 causes the control sound source 1 to radiate a sound so as to minimize the sound to be detected by the error detector 2 based on the detection results of the error detector 2.